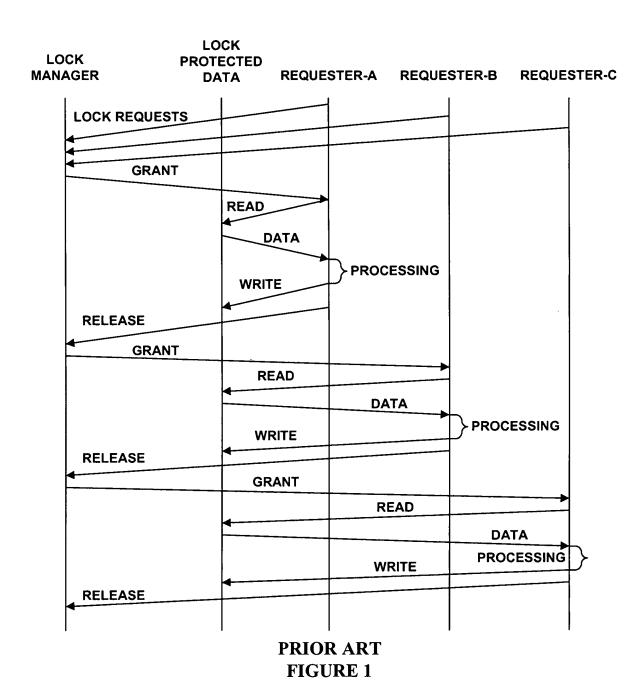
Manager Independent of the Storage Mechanism"

Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004.

Sheet 1 of 7

+



┸

Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004. Sheet 2 of 7



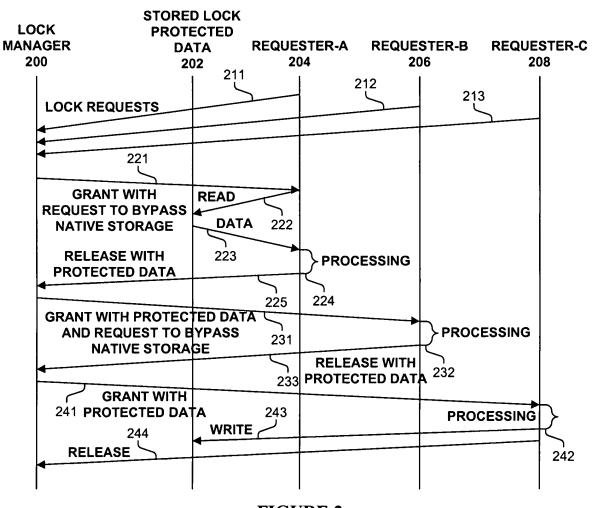
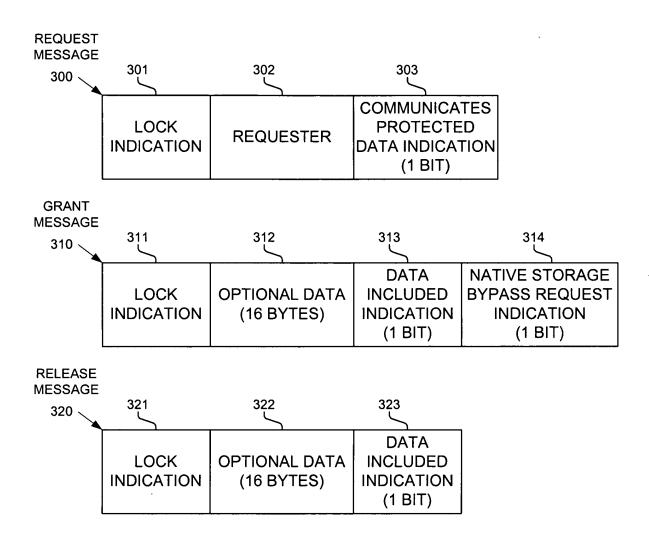


FIGURE 2

Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004. Sheet 3 of 7

+



LOCK MESSAGES FIGURE 3

Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004. Sheet 4 of 7

RECEIVE LOCK REQUEST

404

LOCKED

NO

SEND GRANT AND MARK AS
LOCKED

YES

408

LOCK MANAGER: LOCK REQUEST RECEIVED FIGURE 4A

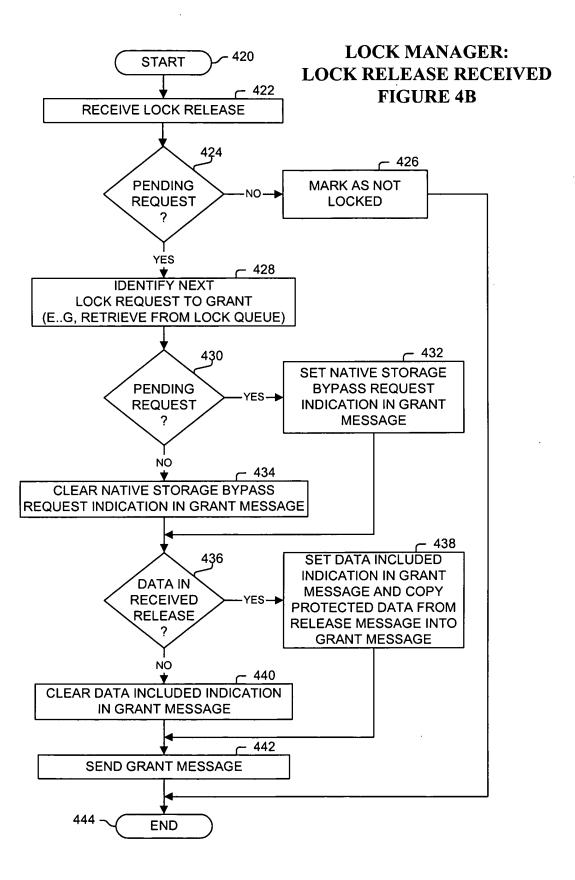
**END** 

QUEUE LOCK REQUEST

410 -

Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004. Sheet 5 of 7

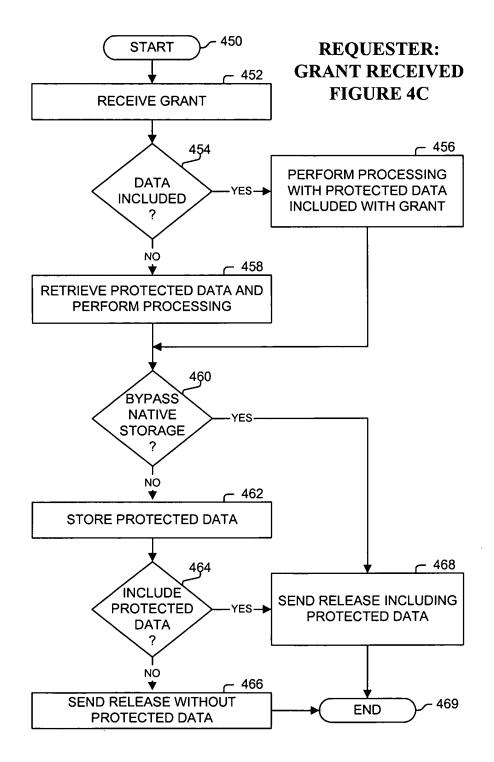




Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004.

+

Sheet 6 of 7



Express Mail No. EV332356335US - Date of Deposit: filed March 27, 2004. Sheet 7 of 7

+

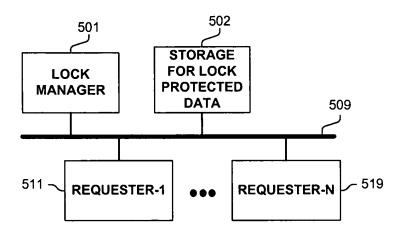


FIGURE 5A

